

2. Reference Information

2-1 Tables of Abbreviations and Acronyms

Table 2-1 Abbreviations

A	Ampere	MV	Megavolt
Ah	Ampere-hour	MW	Megawatt
Å	Angstrom	MΩ	Megohm
dB	Decibel	m	Meter
dBm	Decibel Referenced to One Milliwatt	μA	Microampere
°C	Degree Celsius	μF	Microfarad
°F	Degree Fahrenheit	μH	Microhenry
°K	degree Kelvin	μm	Micrometer
F	Farad	μs	Microsecond
G	Gauss	μW	Microwatt
GHz	Gigahertz	mA	Milliampere
g	Gram	mg	Milligram
H	Henry	mH	Millihenry
Hz	Hertz	ml	Milliliter
h	Hour	mm	Millimeter
ips	Inches Per Second	ms	Millisecond
kWh	Kilowatt-hour	mV	Millivolt
kg	Kilogram	nF	Nanofarad
kHz	Kilohertz	Ω	Ohm
kΩ	Kilohm	pF	Picofarad
km	Kilometer	lb	Pound
km/h	Kilometer Per Hour	rpm	Revolutions Per Minute
kV	Kilovolt	rps	Revolutions Per Second
kVA	Kilovolt-ampere	s	Second (Time)
kW	Kilowatt	V	Volt
l	Liter	VA	Volt-ampere
MHz	Megahertz	W	Watt
		Wh	Watt-hour

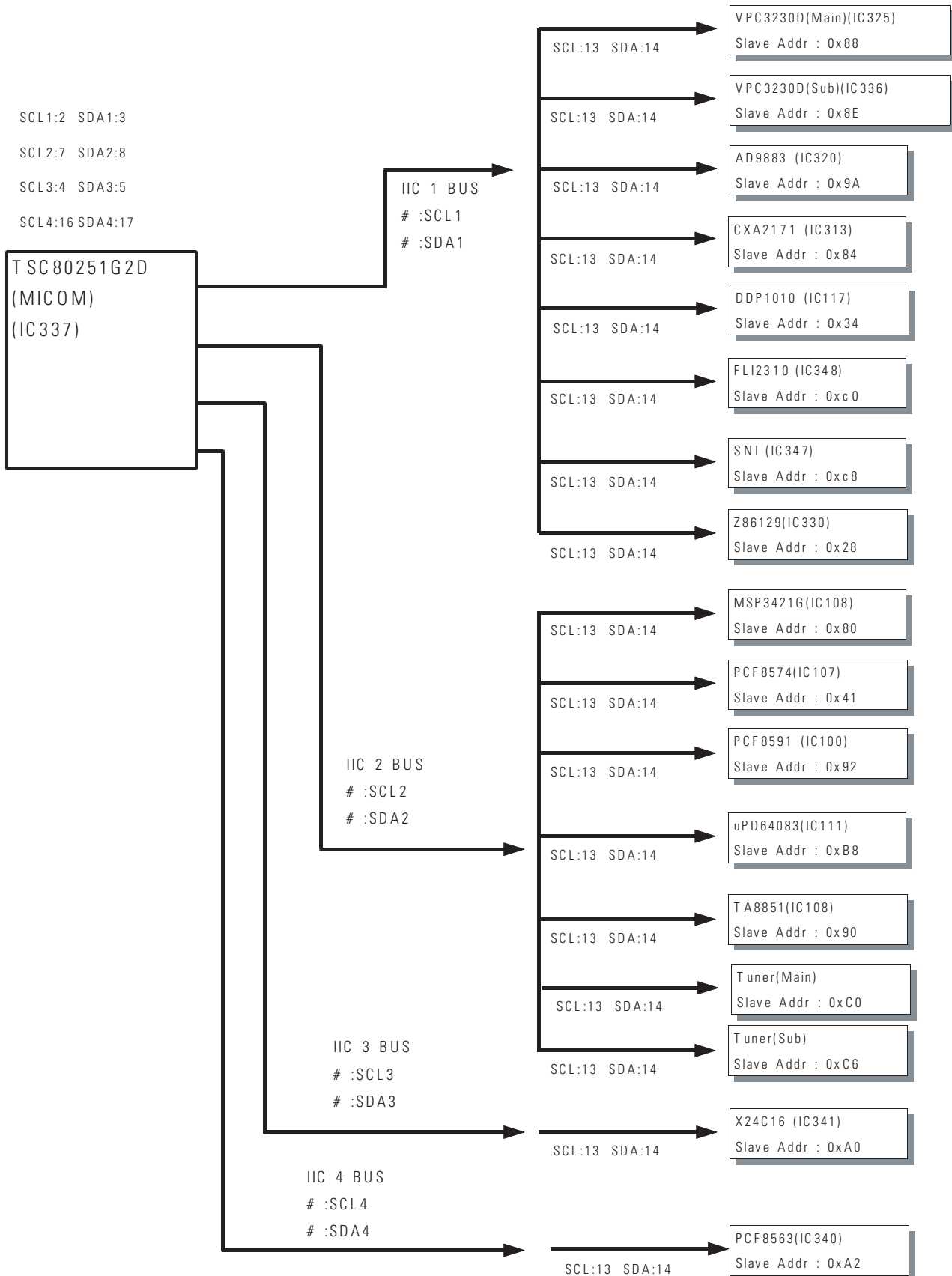
Table 2-1 Abbreviations

ABL	Automatic Brightness Limiter	I/O	Input/output
AC	Alternating Current	L	Left
ACC	Automatic Chroma Control	L	Low
AF	Audio Frequency	LED	Light Emitting Diode
AFC	Automatic Frequency Control	LF	Low Frequency
AFT	Automatic Fine Tuning	MOSFET	Metal-Oxide-Semiconductor-Field-Effect-Tr
AGC	Automatic Gain Control	MTS	Multi-channel Television Sound
AM	Amplitude Modulation	NAB	National Association of Broadcasters
ANSI	American National Standards Institute	NEC	National Electric Code
APC	Automatic Phase Control	NTSC	National Television Systems Committee
APC	Automatic Picture Control	OSD	On Screen Display
A/V	Audio-Video	PCB	Printed Circuit Board
AVC	Automatic Volume Control	PLL	Phase-Locked Loop
BAL	Balance	PWM	Pulse Width Modulation
BPF	Bandpass Filter	QIF	Quadrature Intermediate Frequency
B-Y	Blue-Y	R	Right
CATV	Community Antenna Television (Cable TV)	RC	Resistor & Capacitor
CB	Citizens Band	RF	Radio Frequency
CCD	Charge Coupled Device	R-Y	Red-Y
CCTV	Closed Circuit Television	SAP	Second Audio Program
Ch	Channel	SAW	Surface Acoustic Wave(Filter)
CRT	Cathode Ray Tube	SIF	Sound Intermediate Frequency
CW	Continuous Wave	SMPS	Switching Mode Power Supply
DC	Direct Current	S/N	Signal/Noise
DVM	Digital Volt Meter	SW	Switch
EIA	Electronics Industries Association	TP	Test Point
ESD	Electrostatic Discharge	TTL	Transistor Transistor Logic
ESD	Electrostatically Sensitive Device	TV	Television
FBP	Feedback Pulse	UHF	Ultra High Frequency
FBT	Flyback Transformer	UL	Underwriters Laboratories
FF	Flip-Flop	UV	Ultraviolet
FM	Frequency Modulation	VCD	Variable-Capacitance Diode
FS	Fail Safe	VCO	Voltage Controlled Oscillator
GND	Ground	VCXO	Voltage Controlled Crystal Oscillator
G-Y	Green-Y	VHF	Very High Frequency
H	High	VIF	Video Intermediate Frequency
HF	High-Frequency	VR	Variable Resistor
HI-FI	High Fidelity	VTR	Video Tape Recorder
IC	Inductance-Capacitance	VTVM	Vacuum Tube Voltmeter
IC	Integrated Circuit	TR	Transistor
IF	Intermediate Frequency		

2-2 IC Line Up

Table 2 - 2 IC Line - Up					
ASSY	LOC NO	COMPONENT	DESCRIPTION	MAKER	
Analog Board	IC100	PCF8591	8-bit A/D and D/A converter	1002-001048	
	IC101	PCF8574	8-bit I/O Expander	0904-001121	
	IC108	TA8851	A/V Switch for TV s-terminal	1003-001458	
	IC104	TA2020	SOUND AMP	1201-001885	
	IC108	MSP3421-B11	SOUND PROCESSOR	1003-001458	
	IC111	UPD64083	3D Y/C SEPARATOR	1204-001935	
Digital Board	IC332	74HC04	Hex inverter	0801-000901	
	IC317	74LCX125	BUS Buffer	0801-002171	
	IC335	74VHC244	BUS Buffer	0801-002393	
	IC315	74LCX74	BUS Buffer	0801-002396	
	IC337	80251G2	MICOM	0903-001202	
	IC340	PCF8563	Real time clock & calender	0909-001032	
	IC320	AD9883A	A/D Coverter	1002-001292	
	IC348	FLI2310	Video Deinterlacer/Line Doubler	1204-002078	
	IC347	SNI	Video Enhancer	1003-001503	
	IC338	max232	driver/receiver	1006-001076	
	IC314	sil160	TMDS tranceiver	1205-001778	
	IC322	sil169	TMDS receiver(with HDCP)	1006-0011311	
	IC329	24C02	EEPROM	1103-000129	
	IC341	24C16	EEPROM	1103-000138	
	IC333	24LC21A	EEPROM	1103-001164	
	IC301	km432s2030c	DRAM	1105-001336	
	IC328	PSD834F2-90M	FLASH MEMORY	1107-001373	
	IC331	ms81v04160	IC-FIFO	1109-001144	
	IC326	7045	Voltage DETECTOR	1203-001109	
	IC330	Z86129	Caption decoder	1204-001388	
	IC313	CXA2171	SELECTOR	1204-002079	
	IC325	VPC3230D	VIDEO PROCESS	1204-001926	
	IC310	JAGASM	LCD CONTROLLER, JAGASM	1205-002028	

2-3 IMICOM IC BUS LINE-UP



MEMO